

Datasheet: MCA6066GA

BATCH NUMBER 151939

Description:	HAMSTER ANTI MOUSE Fc EPSILON R1 ALPHA
Specificity:	Fc EPSILON R1 ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	MAR-1
Isotype:	IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/20 - 1/80

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Mouse Fc epsilon receptor alpha subunit
External Database Links	UniProt:

Entrez Gene:

[14125](#) Fcer1a [Related reagents](#)

Synonyms	Fce1a
Specificity	Hamster anti mouse Fc epsilon R1 alpha, clone MAR-1 recognizes Fc receptor epsilon R1 alpha also known as FcεR1α or high affinity IgE receptor. The Fc epsilon R1 complex is involved in initiating IgE-mediated allergic reactions. Fc receptor epsilon is primarily expressed on mast cells and basophils. Activation of Fc epsilon R1 leads to release of allergic mediators such as histamine.
Flow Cytometry	Use 10 µl of the suggested working dilution to label 1x10 ⁶ cells in 100ul
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6066GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Hamster IgG (STAR104...) [DyLight®550](#), [DyLight®650](#), [DyLight®800](#),
[FITC](#)

Goat Anti Hamster IgG (STAR79...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Negative Controls

[HAMSTER \(ARMENIAN\) IgG NEGATIVE CONTROL \(MCA2356\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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